

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. (Currently Amended) An adjuvant composition which comprises an ionic ~~macromolecule polysaccharide~~ component and a saponin component, wherein the saponin component comprises a saponin and a sterol.
2. (Currently Amended) A composition according to claim 1, wherein the saponin component is an immunostimulatory immunostimulating complex.
3. (Canceled)
4. (Currently Amended) A composition according to claim-32, wherein the ionic polysaccharide is an ionic dextran.
5. (Original) A composition according to claim 4, wherein the ionic dextran is DEAE-dextran.
6. (Currently Amended) A composition according to claim 2, wherein the immunostimulatory immunostimulating complex is a protein-free immunostimulatory complex.
7. (Currently Amended) A composition according to claim 2, wherein the immunostimulatory immunostimulating complex comprises Quil A, cholesterol and a phospholipid.
8. (Currently Amended) A composition according to claim 2, wherein the mass ratio of ionic ~~macromolecule polysaccharide~~ component to immunostimulating complex component is in the range of 50 to 300, preferably in the range of 100 to 140.
9. (Original) A composition according to claim 8, wherein the mass ratio is about 125.

10. (Currently Amended) A composition according to claim-12, comprising about 10mg DEAE-dextran and about 80 μ g immunostimulating complex.

11. (Currently Amended) A composition according to claim-12, comprising about 100mg DEAE-dextran and about 800 μ g immunostimulating complex.

12. (Currently Amended) A composition according to claim-12, comprising about 150 mg DEAE-dextran and about 500 μ g immunostimulating complex.

13. (Previously Amended) An immunogenic composition comprising an immunogen and an adjuvant composition wherein said adjuvant composition is a composition according to claim 1.

14. (Original) An immunogenic composition according to claim 13, wherein said immunogen comprises LHRH.

15. (Original) An immunogenic composition according to claim 14, wherein said immunogen comprises an LHRH-diphtheria toxoid conjugate.

16. (Original) An immunogenic composition according to claim 15 comprising 5-500 μ g of LHRH-diphtheria toxoid conjugate in 5-500mg ionic polysaccharide and 40-4000 μ g immunostimulating complex.

17. (Currently Amended) A pharmaceutical composition comprising an immunostimulating immunogenic composition according to claim 13, together with one or more pharmaceutically acceptable carriers and/or diluents.

18. (Previously Amended) A method of eliciting, in an animal, an effective immune response, said method comprising administering to said animal an effective amount of an immunogenic composition according to claim 13.

19. (Canceled)

20. (New) A composition according to claim 8, wherein the mass ratio of ionic polysaccharide component to immunostimulating complex component is in the range of 100 to 140.